

DOUGLAS A. DUCEY  
Governor



THOMAS BUSCHATZKE  
Director

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MAY 17 2018

OFFICE OF  
ASSURED WATER SUPPLY

ARIZONA DEPARTMENT OF WATER RESOURCES

1110 W Washington St, Ste. 310  
PHOENIX, ARIZONA 85007  
(602) 771-8500

DESIGNATION OF ADEQUATE WATER SUPPLY  
DESIGNATED WATER PROVIDER 2017 ANNUAL REPORT

WATER PROVIDER:

41-700578.0001

City of Cottonwood

Address: 111 N. Main Street City, State, Zip code: Cottonwood AZ 86326

Owner name: City of Cottonwood Contact name: Thomas Whitmer

Title: Director Phone: 928-340-2737 Email address: twhitmer@cottonwoodaz.gov

PART I- TOTAL GROUNDWATER WITHDRAWN, DIVERTED OR RECEIVED IN 2017, as reported  
by you on the Community Water System (CWS) report (if you file CWS): 1501.5 acre-feet

PART II - COMMITTED WATER DEMAND

Committed demand is the estimated future water demand at build out of all **recorded** lots or parcels that are **not yet served** water within your service area. Estimate the future annual demand in acre-feet for undeveloped, recorded lots or parcels that were located in your service area as of December 31, 2017. Report demand for residential lots and non-residential parcels separately as indicated below:

		Annual demand per residential lot (acre- feet/year)	Total annual demand (acre-feet/year)
Number of recorded residential lots	Number: 310		55.0
Number or acres of recorded non-residential parcels	Number: <u>—</u> or Acres: <u>—</u>		
		Grand total (acre-feet)	55.0

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Explain how the non-residential demand was calculated. Use a separate sheet if necessary.

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DESIGNATION OF ADEQUATE WATER SUPPLY ANNUAL REPORT**

**PART III - PROJECTED ANNUAL WATER DEMAND**

Project the annual water demand in acre-feet for each year indicated. Calculate the increase in demand for each year from the previous year. The projected demand in most cases will be greater than the total water use for the current year. Current year demand should equal the total water withdrawn, diverted and received for delivery in your service area for 2017 as reported in Part I. Include all water sources used. To calculate GPCD (gallons per capita per day) divide the total demand in gallons per day by the population in your service area.

Year	Projected population	GPCD	Total Demand (acre-feet/year)	Increase from previous year (acre-feet/year)
2017	11,800	114	1501.5	-27.8
2018	12,000	113	1516.0	
2019	12,360	111	1531.2	
2020	12,607	110	1546.5	
2021	12,859	108	1561.9	
2022	13,117	107	1577.6	
2023	13,379	106	1593.3	
2024	13,646	105	1609.3	
2025	13,919	104	1625.4	
2026	14,198	103	1641.6	
2027	14,482	102	1658.0	

Explain how the population projection was made. Use a separate sheet if necessary.

I projected 3% growth through 2019 and then a 2% increase in population annually thereafter

**PART IV - WATER QUALITY**

- A. Is the water provider currently in compliance with the Arizona Department of Environmental Quality's state water quality standards and reporting requirements?   X   yes        no

If "no", please provide an explanation on a separate sheet.

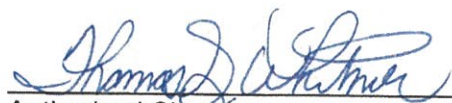
- B. Have any new Superfund or WQARF sites been identified within the water provider's service area or have existing contaminant plumes migrated to be within one mile of any service area wells?        yes   X   no

If "yes", please provide an explanation on a separate sheet.

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DESIGNATION OF ADEQUATE WATER SUPPLY ANNUAL REPORT

PART V - CERTIFICATION AND SIGNATURE

I hereby certify, under penalty of perjury, that the information contained in this report is, to the best of my knowledge and belief, true, correct and complete.



Authorized Signature

May 29, 2018

Date

Thomas Whitmer

Printed Name

Director of Natural Resources

Title

Mail, email, or hand-deliver this report by June 1, 2018 to:

Arizona Department of Water Resources  
Office of Assured and Adequate Water Supply  
1110 W Washington St, Ste. 310  
Phoenix, Arizona 85007  
[assuredadequate@azwater.gov](mailto:assuredadequate@azwater.gov)

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